

Recovery Plan Action Status

Plan Name: South Florida Multi-Species Recovery Plan (68 spp.)

Plan Status: Final

Plan Date: 18-May-99

Lead Agency: USFWS

Lead Office: South Florida Ecological Services Field Office

(772)
562-3909)

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Papery whitlow-wort (Paronychia chartacea)	3	pach-h1.1	Secure habitat through acquisition, landowner agreements, and conservation easements for papery whitlow-wort (Paronychia chartacea ssp. chartacea).	Ongoing Current	Prior to FY 1995		Florida Department of Environmental Protection, Non-governmental organizations	Work type not yet selected	Labor type not yet selected	Cost dependent upon specific site and amount of land acquired. Action lead(s): FWS
Papery whitlow-wort (Paronychia chartacea)	2	pach-h1.2.1	Perform prescribed fires.	Ongoing Current	FY 2000 - FY 2004		Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, Florida Division of Forestry	Work type not yet selected	Labor type not yet selected	Cost is per acre (ex. 1.0/acre); Total cost dependent upon number of acres burned. Action lead(s): FWS, DOF
Papery whitlow-wort (Paronychia chartacea)	3	pach-h1.2.2	Control and eliminate exotic and invasive plants and animals.	Ongoing Current	FY 2000 - FY 2004		Florida Department of Environmental Protection, Florida Department of Transportation, Florida Fish and Wildlife Conservation Commission, Non-governmental organizations, Florida Division of Forestry, Water Management Districts	Work type not yet selected	Labor type not yet selected	Cost is per acre (ex. 2.0/acre); Total cost dependent upon number of acres infested with exotics. Action lead(s): FWS
Papery whitlow-wort (Paronychia chartacea)	3	pach-h1.2.3	Control access to areas where listed plants are growing.	Ongoing Current	FY 2000 - FY 2004		Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, Non-governmental organizations, Florida Division of Forestry	Work type not yet selected	Labor type not yet selected	Task currently conducted and cost is included in responsible agency's budget. Action lead(s): FWS

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Papery whitlow-wort (Paronychia chartacea)	3	pach-h2.1	Restore natural fire regime.	Ongoing Current	FY 2000 - FY 2004		Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, Florida Division of Forestry	Work type not yet selected	Labor type not yet selected	Cost is per acre (ex. 1.0/acre); Total cost dependent upon number of acres burned. Action lead(s): FWS
Papery whitlow-wort (Paronychia chartacea)	3	pach-h2.2	Enhance sites with native plant species.	Not Started			Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, Florida Division of Forestry	Work type not yet selected	Labor type not yet selected	Cost is per acre (ex. 0.5/acre); Total cost dependent upon number of acres enhanced. Action lead(s): FWS
Papery whitlow-wort (Paronychia chartacea)	3	pach-h3.0	Conduct habitat-level research projects.	Ongoing Current	FY 2000 - FY 2004		To be determined	Work type not yet selected	Labor type not yet selected	Action lead(s): FWS
Papery whitlow-wort (Paronychia chartacea)	2	pach-h4.0	Monitor habitat/ecological processes.	Ongoing Current	FY 2000 - FY 2004		Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, Florida Division of Forestry	Work type not yet selected	Labor type not yet selected	Action lead(s): FWS
Papery whitlow-wort (Paronychia chartacea)	3	pach-h5.0	Provide public information about scrub and its unique biota.	Ongoing Current	FY 2000 - FY 2004		Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, Non-governmental organizations, Florida Division of Forestry	Work type not yet selected	Labor type not yet selected	Action lead(s): FWS, private
Papery whitlow-wort (Paronychia chartacea)	3	pach-s1.1.1	Continue surveys in Polk, Osceola, and Highlands Counties.	Ongoing Current	FY 2000 - FY 2004		Florida Natural Areas Inventory	Work type not yet selected	Labor type not yet selected	Action lead(s): FNAI
Papery whitlow-wort (Paronychia chartacea)	3	pach-s1.1.2	Continue surveys on protected lands.	Ongoing Current	FY 2000 - FY 2004		Non-governmental organizations	Work type not yet selected	Labor type not yet selected	Action lead(s): FWS
Papery whitlow-wort (Paronychia chartacea)	3	pach-s1.2	Maintain distribution of known populations and suitable habitat in GIS database.	Ongoing Current	FY 2010		Florida Natural Areas Inventory, Private industry, landowners, etc.	Work type not yet selected	Labor type not yet selected	Action lead(s): FWS, FNAI, private

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Papery whitlow-wort (Paronychia chartacea)	3	pach-s2.1	Protect privately-owned habitat through acquisition, conservation easements, or agreements with landowners.	Not Started			Florida Department of Environmental Protection	Work type not yet selected	Labor type not yet selected	Cost dependent upon type of protection provided. Action lead(s): FWS
Papery whitlow-wort (Paronychia chartacea)	3	pach-s2.2	Protect populations on public lands.	Ongoing Current	FY 2000 - FY 2004		Florida Fish and Wildlife Conservation Commission, Florida Division of Forestry, Private industry, landowners, etc.	Work type not yet selected	Labor type not yet selected	Cost dependent upon type of protection provided. Action lead(s): FWS
Papery whitlow-wort (Paronychia chartacea)	3	pach-s2.3	Use local or regional planning to protect habitat.	Not Started			South Florida counties	Work type not yet selected	Labor type not yet selected	Cost included in standard operating procedures of participating agency's budget. Action lead(s): counties
Papery whitlow-wort (Paronychia chartacea)	3	pach-s2.4.1	Conserve germ plasm.	Not Started			Private industry, landowners, etc.	Work type not yet selected	Labor type not yet selected	Currently in Bokýs collection. Action lead(s): private
Papery whitlow-wort (Paronychia chartacea)	3	pach-s2.4.2	Maintain ex situ collection.	Not Started			Private industry, landowners, etc.	Work type not yet selected	Labor type not yet selected	Action lead(s): private
Papery whitlow-wort (Paronychia chartacea)	2	pach-s2.5.1	Initiate section 7 consultation when applicable.	Ongoing Current	Prior to FY 1995		U.S. Bureau of Land Management, U.S. Department of Agriculture, U.S. Geological Survey, Biological Resources Division, U.S. Geological Survey, U.S. Environmental Protection Agency, U.S. Army Corps of Engineers, Natural Resources Conservation Service , United States Coast Guard , U.S. Air Force	Work type not yet selected	Labor type not yet selected	Cost included in standard operating procedures of Federal agency's budget. Action lead(s): All Federal agencies
Papery whitlow-wort (Paronychia chartacea)	3	pach-s2.5.2	Enforce take and trade prohibitions.	Ongoing Current	Prior to FY 1995		Florida Department of Agriculture and Consumer Services/Division of Plant Industry	Work type not yet selected	Labor type not yet selected	Cost included in standard operating budgets of participating agencies. Action lead(s): FWS, FDACS/DPI

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Papery whitlow-wort (Paronychia chartacea)	3	pach-s3.1	Continue research to determine demographic information.	Not Started			Private industry, landowners, etc., Public and private universities	Work type not yet selected	Labor type not yet selected	Action lead(s): universities
Papery whitlow-wort (Paronychia chartacea)	3	pach-s3.2	Once demographic data are known, conduct population viability and risk assessment analysis.	Not Started			Private industry, landowners, etc., Public and private universities	Work type not yet selected	Labor type not yet selected	Action lead(s): universities
Papery whitlow-wort (Paronychia chartacea)	3	pach-s3.3	Conduct research to assess management requirements of papery whitlow-wort.	Ongoing Current	FY 2007		Florida Division of Forestry, Private industry, landowners, etc.	Work type not yet selected	Labor type not yet selected	Action lead(s): private
Papery whitlow-wort (Paronychia chartacea)	3	pach-s4.1.1	Monitor to detect changes in demographic characteristics.	Not Started			Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, Non-governmental organizations, Florida Division of Forestry	Work type not yet selected	Labor type not yet selected	Action lead(s): FWS
Papery whitlow-wort (Paronychia chartacea)	3	pach-s4.1.2	Monitor the effects of various land management actions on papery whitlow-wort.	Ongoing Current	FY 2007		Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, Private industry, landowners, etc.	Work type not yet selected	Labor type not yet selected	Action lead(s): FWS
Papery whitlow-wort (Paronychia chartacea)	2	pach-s4.2	Develop a quantitative description of the population structure of papery whitlow-wort.	Not Started			Florida Department of Environmental Protection, Florida Fish and Wildlife Conservation Commission, Florida Division of Forestry, Private industry, landowners, etc.	Work type not yet selected	Labor type not yet selected	Action lead(s): private
Papery whitlow-wort (Paronychia chartacea)	3	pach-s5.0	Provide public information about papery whitlow-wort.	Ongoing Current	FY 2000 - FY 2004		Florida Fish and Wildlife Conservation Commission, Non-governmental organizations	Work type not yet selected	Labor type not yet selected	Action lead(s): FWS, private